

DORMITORY INSPECTION-99D

(BUILDINGS SPECIFIC FIRE SAFETY FEATURES)

DORMITORY INSPECTION - 99D

ITEM #	SAFETY FEATURE	REFERENCE	DESCRIPTION	MAXIMUM TIME FRAME TO CORRECT
GENERAL REQUIREMENTS				
INFO	Definitions	91-101/17-1.3.1 <u>UBC 310.1</u>	A dormitory building contains: <ul style="list-style-type: none"> • group sleeping for 16 or more unrelated persons; and • one or more closely associated rooms; and • managed by one management; and • No cooking facilities provided in rooms. Facility occupants control measures of self-preservation.	NA
INFO	Definitions	91-101/3-2 <u>UBC 403</u>	A high rise building is a building more than 75 feet in height as measured from the lowest level of fire department vehicle access to the point of highest occupied floor.	NA
HIGH RISE BUILDING - ONLY – EXITING REQUIREMENTS				
D01	Reentry from stairway required	91-101/17-2.2.2.3 <u>UBC 403.9</u>	Occupied floors which are 75 feet or more above adjoining ground level shall allow reentry from the stairs or have automatic release upon actuation of fire alarm system.	Up to 3 years
D02	Standby power	91-101/30-8.4.2 <u>UBC 403.8</u>	Buildings which have occupied floors 75 feet or more above adjoining ground level shall have standby power of the capacity and rating sufficient to supply all required equipment: emergency lighting system, fire alarm system, electric fire pump, central control station equipment and lighting, at least one elevator, and any mechanical equipment for smokeproof enclosures. See Fire Facts 005, 006, 007, 031	Up to 5 years

DORMITORY INSPECTION - 99D

ITEM #	SAFETY FEATURE	REFERENCE	DESCRIPTION	MAXIMUM TIME FRAME TO CORRECT
HIGH RISE BUILDING - <u>ONLY</u> – SUPPRESSION REQUIREMENTS				
D03	Standpipes required	91-101-30-8.2.2 90-14/1-6 <u>UBC 403.8</u>	Buildings which have occupied floors 75 feet or more above adjoining ground level shall be protected throughout by a Class I 2-1/2 " standpipe for fire department use. May be dry and hoseless. See Fire Fact 046	Immediate to 5 years
D04	Sprinkler system required	91-101/17-3.5.2 <u>UBC 403.8</u>	Buildings, which have occupied floors 75 feet or more above adjoining ground level shall have, complete automatic sprinkler protection. See Fire Fact 045	1 to 7 years
BUILDING- DETECTION REQUIREMENTS				
D05	Resident room smoke detectors	91-101/17-3.4.4 <u>UBC 310.9.1</u> <u>UFC</u> <u>Appx. I-B (4)</u>	A smoke detector powered by the building power shall be provided in each sleeping room (in correctional facilities smoke detectors are permitted to be behind return air grills to protect the equipment from the occupants of the sleeping room) and 1) be powered by the building electrical system and properly maintained, or , 2) battery detectors previously approved by KSFMO and testing is properly documented in writing. Inspector will spot-check battery operated detectors to verify operation. See Fire Facts 005, 006, 007, 036, 037	Up to 5 years
BUILDING – NOTIFICATION				
D06	Fire alarm system required	91-101/17-3.4.1 <u>UBC 310.10</u> <u>UFC</u> <u>Appx. I-B (5)</u>	A manually operated fire alarm system is required in all dormitories except where each sleeping room has an exterior exit to grade level and the building is not over 3 stories in height. See Fire Facts 005, 006, 007, 031	Up to 3 years

DORMITORY INSPECTION - 99D

ITEM #	SAFETY FEATURE	REFERENCE	DESCRIPTION	MAXIMUM TIME FRAME TO CORRECT
BUILDING – SUPPRESSION REQUIREMENTS				
D07	Elevator firefighter service testing	91-101/31-1.3.10 <u>UFC</u> <u>Appx. I-B (10)</u>	Elevator firefighter service testing shall be conducted monthly on elevators with a rise of over 25-ft and equipped with firefighter service. Documentation available on site. See Fire Facts 005, 007	Up to 5 years
FLOOR - EXITING REQUIREMENTS				
D08	Maximum travel distance	91-101/17-2.6.1 <u>UBC 1004.2.5.2</u>	The maximum travel distance shall not make it necessary to travel more than 100 feet from the door of any room to reach the nearest exit (200 feet in fully sprinkled buildings).	Up to 5 years
D09	Finishes - flame spread	91-101/17-3.3.1 <u>UBC 804</u>	The minimum flame spread of Class B (0-75) in stairways, and corridor walls and ceilings. Refer to General Checklist item 99-66 See Fire Fact 022	Up to 5 years
D10	Emergency lighting	91-101/17-2.9.1 <u>UBC 1003.2.9</u>	Emergency lighting shall be provided in the stairs and corridors in buildings with over 25 rooms. See Fire Fact 005, 006, 007, 024	Up to 1 year
FLOOR - DETECTION REQUIREMENTS				
D11	Lobby smoke detectors, when required	91-101/7-4.4 <u>UBC 403.7</u>	Automatic smoke detectors in each elevator lobby/entry for elevators with vertical travel of 25 feet or more to actuate recall of elevator for firefighter service is required. See Fire Fact 005, 006, 007, 031, 036	Up to 5 years

DORMITORY INSPECTION - 99D

ITEM #	SAFETY FEATURE	REFERENCE	DESCRIPTION	MAXIMUM TIME FRAME TO CORRECT
FLOOR - SEPARATION/SUPPRESSION REQUIREMENTS				
D12	Corridor/room protection	91-101/17-3.6.2 <u>UBC 1004.3.4</u>	Corridor-room protection shall be a minimum of 30-minute construction. Room doors shall be a minimum of 1-3/4 inch solid bonded doors, filled metal doors, or 20 minute labeled smoke and draft doors. In sprinkled buildings, doors only need to resist passage of smoke. No unprotected openings through corridor wall, for example transoms or transfer grills, including bathrooms and unoccupied rooms, unless previously approved and documented in writing by the Kansas State Fire Marshal's Office.	Up to 5 years
D13	Vertical penetration protection	91-101/6-2.4.1 <u>UBC 310.2.2</u>	Each building floor shall be constructed as a smoke barrier (Ducts DO NOT require smoke dampers). Vertical openings around pipes or ducts shall be sealed with non-combustible materials, unless previously approved and documented in writing by the Kansas State Fire Marshal's Office.	Up to 5 years
D14	Bulk or community laundries	91-101/17-3.2.2 <u>UBC 310.2.2</u>	Laundries with commercial (larger capacity than residential) dryers shall be separated from other rooms and corridors by either: 1) a one hour fire resistive barrier with 3/4 hour fire door assemblies self closing and latching doors; or 2) automatic sprinkler protection & enclosure to limit the spread of smoke. See Fire Facts 040, 045	Up to 1 year